

GENERIC NAME:

CALCIUM CHLORIDE

BRAND NAME: Calcium Chloride

Indications

Suspected hypocalcemia following exposure to fluoride (e.g., HF) or phosphorus. Suspected hyperkalemia from fluoride exposure.

Mechanism

Raise circulating calcium concentrations.

Supplied

1 gm/10 ml.

Dose

Adults: Usually 1 gm IV over 3 - 5 minutes. May be repeated one to several times per physician order depending on initial response and severity of illness.

Adverse Effects

Tissue injury from extravasation. An acute rise in circulating calcium concentration may lead to unstable vital signs and cardiac arrhythmias.

Precautions

May produce life threatening arrhythmias in patients taking digoxin.

Contraindications

None in acute life threatening emergency.

Documentation and Outcome

Document lack of contraindications.

Document indication for therapy (e.g., refractory hypotension or ventricular arrhythmias in patient with severe HF burns).

Document dose, route of administration, time of administration, duration of administration.

Document patient response or lack thereof: vital signs and QRS duration.